

PUSH

Work Order ID 151107

Monday, September 12, 2016 10:33:51 AM

151107

Page 1

Item ID: D4202-1

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Spacer

Start Date: 8/17/2016 Start Qty: 400.00

400

Cust Item ID:

Required Date: 9/12/2016 Req'd Qty: 400.00

400

Customer:

Reference:

Approvals:

Process Plan:

DAS
21
9-89

Date: SEP 14 2016 Tooling:

Date:

Run Start *NR1*

QC:

Date: SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D4202

C

100

0.00

100

Hardinge CNC LATHE SMALL

Hardinge

Memo

0.67

Hardinge CNC Lathe Small

1- Machine as per Folio FB015

FOLIO REV: M

DWG REV: C

DO NOT CHAMFER OUTSIDE DIA

2- Deburr

371 ϕ

DAS
49
9-89

16/09/20

110

0.00

110

QC2- Inspect parts off machine FAI/FAIB

QC

Memo

0.67

Quality Control

371 ϕ

DAS
49
9-89

16/09/21

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

151107

Monday, September 12, 2016 10:33:51 AM

N900040100

Setup Start *NS1*

Stop *NS2*

400

Cust Item ID:

Start Date: 8/17/2016 **Start Qty:** 400.00

Required Date: 9/12/2016 **Req'd Qty:** 400.00

400

Customer:

Reference:

Run Start *NR1*

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop ***NR2***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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150

QC6- Inspect dimensions to drawing

0.00

150

QC

Memo

1.33

Quality Control

OCT 04 2016

160

0.00

160

HandFinish

Memo

0.67

Hand Finishing

WASH SPACER AS PER OSI005

190

Identify as per dwg & Stock Location: Low 0.00

0.00

190

Packaging

Memo

0.67

Packaging

STOCK IN SKIDTUBE CELL
LOCATION : LG001

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 16.6%;">Skid-tube ☐</td> <td style="width: 16.6%;">Cross tube ☐</td> <td style="width: 16.6%;">Water Jet ☐</td> <td style="width: 16.6%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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		OTHER : ☐ _____																																																																					

Work Order ID 151107

Monday, September 12, 2016 10:33:51 AM

151107

Page 4

Item ID: D4202-1

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Spacer

Start Date: 8/17/2016 Start Qty: 400.00

400

Cust Item ID:

Required Date: 9/12/2016 Req'd Qty: 400.00

400

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start ***NR1***

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

200

QC21- Final Inspection - Work Order Release

0.00

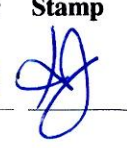
200

QC

Memo

6.67

Quality Control

16/11/10 

NOV 10 2016 **DAS**
21
9-59

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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		OTHER : _____							

Picklist Print

Monday, September 12, 2016 10:33:50 AM

Page 1

Work Order ID: 151107

151107

Parent Item: D4202-1

D4202-1

Parent Item Name: Spacer

Start Date: 8/17/2016

Required Date: 9/12/2016

Start Qty: 400.00

Required Qty: 400.00

Comments: IPP REV:A NEW ISSUE 10-12-07 JLM VERIFIED:DD IPP
REV:B AS PER REV B 11-04-05 JLM VERIFIED BY:DD IPP Rev:C
11.12.19 PER DWG REV.C DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6T0.500W.058		Purchased				100	f	144.0000	0.35	147.3684			

M6061T6T0 500W 058

6061-T6 RD Tube .500 x.058W

Location

MAT013

m134604
m135093
m135242

Loc Qty

144

12

48

84

Loc Code

→ 12
→ 48
→ 84

DAS
49
9-89

16/09/21

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order update only ☐

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OTHER : _____					

FIRST ARTICLE INSPECTION CHECKLIST

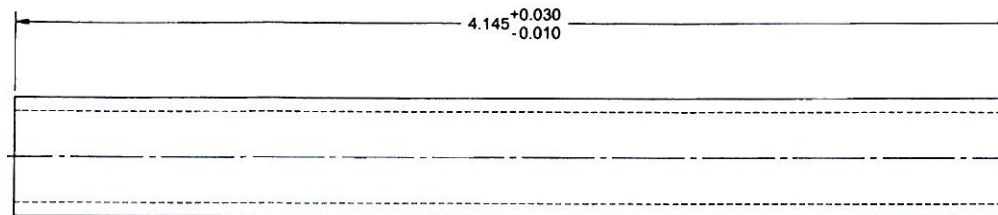
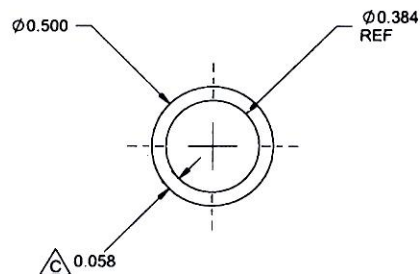
DAS
49

~~DAS~~
~~20~~
~~9-80~~



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT

WITHOUT NOTICE
WORK ORDER
NO. 151107 MJS
1609-14



D4202-1 SPACER

RELEASED
2011-12-14
MT

- NOTES:
1) MATERIAL: 6061-T4/T42 ALUMINUM TUBING PER WW-T-700/6, AMS 4081, OR ASTM B210 / B221 / B241
REF DART SPEC M6061T4T0.500W.058
OR
6061-T6/T62 ALUMINUM TUBING PER WW-T-700/6, QQ-A-200/8, QQ-A-225/8, AMS 4080 / 4082, OR ASTM B210 / B221 / B241
REF DART SPEC M6061T6T0.500W.58
HEAT TREAT TO -T4/-T42 CONDITION. MIN UTS = 30 KSI (60 HREW MIN)
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 0.03 lbs

C	6061-T4 WAS 6061-T6, 0.058 WAS 0.049	CP	11.12.13
B	0.049 WAS 0.058. REASON: FACILITATE MFG	MB	11.03.22
A	NEW ISSUE	CP	10.09.22
REV.	DESCRIPTION	BY	DATE
DESIGN	GP		
DRAWN	GP		
CHECKED	ASS		
MFG. APPR.	ET		
APPROVED	ET		
DE APPR.	ET		
DATE	11.12.13		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. C
DRAWING NO. D4202		SHEET 1 OF 1
TITLE SPACER		SCALE NTS
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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33724

Purchase Order Date 9/21/2016

PO Print Date 9/21/2016

Page Number 1 of 2

Order From :
METCOR INC.
560 BOUL. ARTHUR SAUVE
SAINT-EUSTACHE, QC J7R 5A8
CA

VC-MET004

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

SEP 21 2016
E-MAILED

Contact Name
Vendor Phone 450 473 1884

Ship To Contact
Ship To Phone
Ship Via: FedEx Economy collect
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	151107	D4202-1 SPACER	10/5/2016 Yes 10/5/2016		371.00	\$0.00	\$0.00
HEAT TREAT TO T4/T42 CONDITION MIN. UTS=30 KSI (60 HREW MIN) NOTE: DETAIL C OF C REQUIRED PART ARE MADE FROM 6061-T6 MATERIAL							
Line Total:							\$0.00
2	71900-90	SPACER 6061-T6 MATERIAL	10/5/2016 Yes 10/5/2016		16.00 Each	\$0.00	\$0.00
HEAT TREAT TO T4/T42 CONDITION MIN. UTS=30 KSI (60 HREW MIN) NOTE: DETAIL C OF C REQUIRED PART ARE MADE FROM 6061-T6 MATERIAL							
Line Total:							\$0.00

Deliver To: CHANTAL

Note:

9/21/2016

METCOR INC.

660 BOUL. ARTHUR-SAUVE
ST-EUSTACHE, QC J7R 5A8
Tel: 450-473-1884 / Fax: 450-491-5498

Reçu de livraison

Delivery Receipt

BON DE TRAVAIL Order	EXPÉDITEUR Shipper ID	BON D'EXPÉDITION Shipper
313953	1	114373

EXPÉDITION COMPLÈTE / Shipped Complete

CLIENT /Customer 215

DART AEROSPACE
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
Ph: 613-632-5200
Fax: 613-632-1053



LIVRÉ À /Shipped To

DART AEROSPACE
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
Ph: 613-632-5200
Fax: 613-632-1053

COMMANDE DU CLIENT Customer PO	BON DE LIVRAISON DU CLIENT Customer Shipper No.	TYPE DE MATÉRIEL Material Type	DATE DE LA COMMANDE Order Date	TRANSPORTEUR Carrier
33724		AL-6061	2016/9/23	fed

QUANTITÉ Quantity	No. PIÈCE Part No.	NOM DE LA PIÈCE Part Name	DESCRIPTION DE LA PIÈCE Part Description	POIDS Weight
----------------------	-----------------------	------------------------------	---	-----------------

371 D4202-1

(371) D4202-1 151107

+16 TEST SPACER 6061-T6 71900-90

13,52

1 BOITE DE CARTON

SP16-10-4.

TYPE DE CONTENEUR Container Type	# DE CONTENEURS # Of Containers	COMMENTAIRES CONTENEUR Container Comments
BOITE DE CARTON	1	

EMPAQUETAGE Packing	
------------------------	--

QUANTITÉ EXPÉDIÉE / Quantity Shipped : 371

POIDS EXPÉDIÉ / Weight Shipped : 13,52

QUANTITÉ RESTANTE / Quantity Remaining : 0

POIDS RESTANT / Weight Remaining : 0,00

QUANTITÉ EXPÉDIÉE /Quantity Shipped: 371

POIDS EXPÉDIÉ / Weight Shipped : 13,52

Signature:

Date:

EXPÉDIÉ LE / Shipped On : 2016/09/30

ETCOR INC.

50 BOUL. ARTHUR-SAUVÉ, ST-EUSTACHE, QC, J7R 5A8

Tél: 450-473-1884

Télécopieur / Fax administration: 450-491-5498

Télécopieur / Fax production: 450 491-6454

Certificat de Conformité Certificate of Compliance

BON DE TRAVAIL order	CHARGEMENT load
313953	1

CLIENT / customer 215

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K8A 1K7

LIVRÉ À / shipped to:

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

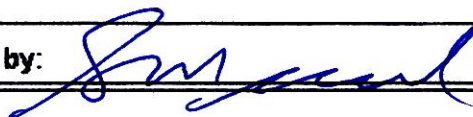
ON K8A 1K7

1

COMMANDE DU CLIENT customer po	CLASSIFICATION PIECE part classification	MATÉRIEL material	MAÎTRE D'OEUVRE prime contractor	PROGRAM
33724	N/A	AL-6061		
SPECIFICATIONS DU PROCÉDÉ processing specifications				
SOL ANNEAL SINGLE AGING TO CONDITION T42				
EXIGENCE / requirement SPÉCIFICATIONS / specified TESTS EXÉCUTÉS / performed RÉSULTATS DE TESTS / results				
CONDUCTIVITY	36 - 44 %IACS	74	38,5 - 39,5 %IACS	
HARDNESS		74	63,5 - 65 HREW	
MESURE EN HR15TW = 64,3-65,3 HR15TW				
QUANTITÉ quantity	POIDS weight	DESCRIPTION DES PIÈCES parts description		
371	13,52	D4202-1 (371) D4202-1 151107 +16 TEST SPACER 8061-T6 71900-90 1 BOITE DE CARTON		

COMMENTAIRES / comments

APPROUVÉ par / Approved by:



DATE: 2016-09-30

[illegible]

— 23 —

PLAZA 4

[illegible]

THE CHALLENGE TO PROVIDE

NOTE: 1990-91 GREEN

... *... ..*

sheep: 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000 15000 16000 17000 18000 19000 20000 21000 22000 23000 24000 25000 26000 27000 28000 29000 30000 31000 32000 33000 34000 35000 36000 37000 38000 39000 40000 41000 42000 43000 44000 45000 46000 47000 48000 49000 50000 51000 52000 53000 54000 55000 56000 57000 58000 59000 60000 61000 62000 63000 64000 65000 66000 67000 68000 69000 70000 71000 72000 73000 74000 75000 76000 77000 78000 79000 80000 81000 82000 83000 84000 85000 86000 87000 88000 89000 90000 91000 92000 93000 94000 95000 96000 97000 98000 99000 100000

2140 540 0.9

75-10750-0

2007

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840.

2017年12月14日

| DATE | DESCRIPTION | AMOUNT | BALANCE |
|------------|-----------------|--------|---------|
| 1950-01-01 | OPENING BALANCE | 100.00 | 100.00 |
| 1950-01-15 | PAYROLL | 50.00 | 50.00 |
| 1950-02-01 | RECEIVED | 25.00 | 75.00 |
| 1950-02-15 | PAYROLL | 50.00 | 25.00 |
| 1950-03-01 | RECEIVED | 25.00 | 50.00 |
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| 1950-04-01 | RECEIVED | 25.00 | 25.00 |
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| 1950-07-01 | RECEIVED | 25.00 | 25.00 |
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| 1953-11-15 | PAYROLL | 50.00 | 0.00 |
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| 1955-01-01 | RECEIVED | 25.00 | 25.00 |
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| 1955-02-01 | RECEIVED | 25.00 | 25.00 |
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| 1955-06-01 | RECEIVED | 25.00 | 25.00 |
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| 1957-01-15 | PAYROLL | 50.00 | 0.00 |
| 1957-02-01 | RECEIVED | 25.00 | 25.00 |
| 1957-02-15 | PAYROLL | 50.00 | 0.00 |
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| 1957-03-15 | PAYROLL | 50.00 | 0.00 |
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| 1958-02-01 | RECEIVED | 25.00 | 25.00 |
| 1958-02-15 | PAYROLL | 50.00 | 0.00 |
| 1958-03-01 | RECEIVED | 25.00 | 25.00 |
| 1958-03-15 | PAYROLL | 50.00 | 0.00 |
| 1958-04-01 | RECEIVED | 25.00 | 25.00 |
| 1958-04-15 | PAYROLL | 50.00 | 0.00 |
| 1958-05-01 | RECEIVED | 25.00 | 25.00 |
| 1958-05-15 | PAYROLL | 50.00 | 0.00 |
| 1958-06-01 | RECEIVED | 25.00 | 25.00 |
| 1958-06-15 | PAYROLL | 50.00 | 0.00 |
| 1958-07-01 | RECEIVED | 25.00 | 25.00 |
| 1958-07-15 | PAYROLL | 50.00 | 0.00 |
| 1958-08-01 | RECEIVED | 25.00 | 25.00 |
| 1958-08-15 | PAYROLL | 50.00 | 0.00 |
| 1958-09-01 | RECEIVED | 25.00 | 25.00 |
| 1958-09-15 | PAYROLL | 50.00 | 0.00 |
| 1958-10-01 | RECEIVED | 25.00 | 25.00 |
| 1958-10-15 | PAYROLL | 50.00 | 0.00 |
| 1958-11-01 | RECEIVED | 25.00 | 25.00 |
| 1958-11-15 | PAYROLL | 50.00 | 0.00 |
| 1958-12-01 | RECEIVED | 25.00 | 25.00 |
| 1958-12-15 | PAYROLL | 50.00 | 0.00 |
| 1959-01-01 | RECEIVED | 25.00 | 25.00 |
| 1959-01-15 | PAYROLL | 50.00 | 0.00 |
| 1959-02-01 | RECEIVED | 25.00 | 25.00 |
| 1959-02-15 | PAYROLL | 50.00 | 0.00 |
| 1959-03-01 | RECEIVED | 25.00 | 25.00 |
| 1959-03-15 | PAYROLL | 50.00 | 0.00 |
| 1959-04-01 | RECEIVED | 25.00 | 25.00 |
| 1959-04-15 | PAYROLL | 50.00 | 0.00 |
| 1959-05-01 | RECEIVED | 25.00 | 25.00 |
| 1959-05-15 | PAYROLL | 50.00 | 0.00 |
| 1959-06-01 | RECEIVED | 25.00 | 25.00 |
| 1959-06-15 | PAYROLL | 50.00 | 0.00 |
| 1959-07-01 | RECEIVED | 25.00 | 25.00 |
| 1959-07-15 | PAYROLL | 50.00 | 0.00 |
| 1959-08-01 | RECEIVED | 25.00 | 25.00 |
| 1959-08-15 | PAYROLL | 50.00 | 0.00 |
| 1959-09-01 | RECEIVED | 25.00 | 25.00 |
| 1959-09-15 | PAYROLL | 50.00 | 0.00 |
| 1959-10-01 | RECEIVED | 25.00 | 25.00 |
| 1959-10-15 | PAYROLL | 50.00 | 0.00 |
| 1959-11-01 | RECEIVED | 25.00 | 25.00 |
| 1959-11-15 | PAYROLL | 50.00 | 0.00 |
| 1959-12-01 | RECEIVED | 25.00 | 25.00 |
| 1959-12-15 | PAYROLL | 50.00 | 0.00 |
| 1960-01-01 | RECEIVED | 25.00 | 25.00 |
| 1960-01-15 | PAYROLL | 50.00 | 0.00 |
| 1960-02-01 | RECEIVED | 25.00 | 25.00 |
| 1960-02-15 | PAYROLL | 50.00 | 0.00 |
| 1960-03-01 | RECEIVED | 25.00 | 25.00 |
| 1960-03-15 | PAYROLL | 50.00 | 0.00 |
| 1960-04-01 | RECEIVED | 25.00 | 25.00 |
| 1960-04-15 | PAYROLL | 50.00 | 0.00 |
| 1960-05-01 | RECEIVED | 25.00 | 25.00 |
| 1960-05-15 | PAYROLL | 50.00 | 0.00 |
| 1960-06-01 | RECEIVED | 25.00 | 25.00 |
| 1960-06-15 | PAYROLL | 50.00 | 0.00 |
| 1960-07-01 | RECEIVED | 25.00 | 25.00 |
| 1960-07-15 | PAYROLL | 50.00 | 0.00 |
| 1960-08-01 | RECEIVED | 25.00 | 25.00 |
| 1960-08-15 | PAYROLL | 50.00 | 0.00 |
| 1960-09-01 | RECEIVED | 25.00 | 25.00 |
| 1960-09-15 | PAYROLL | 50.00 | 0.00 |
| 1960-10-01 | RECEIVED | 25.00 | 25.00 |
| 1960-10-15 | PAYROLL | 50.00 | 0.00 |
| 1960-11-01 | RECEIVED | 25.00 | 25.00 |
| 1960-11-15 | PAYROLL | 50.00 | 0.00 |
| 1960-12-01 | RECEIVED | 25.00 | 25.00 |
| 1960-12-15 | PAYROLL | 50.00 | 0.00 |
| 1961-01-01 | RECEIVED | 25.00 | 25.00 |
| 1961-01-15 | PAYROLL | 50.00 | 0.00 |
| 1961-02-01 | RECEIVED | 25.00 | 25.00 |
| 1961-02-15 | PAYROLL | 50.00 | 0.00 |
| 1961-03-01 | | | |

CHAMBERLAIN, F. B. MAR. 1963

DATE 5010-00-30

APPROVED FOR APPROVAL

METCOR INC.

560 BOUL. ARTHUR-SAUVÉ, ST-EUSTACHE, QC, J7R 5A8

Tél.: 450-473-1884

Télécopieur / Fax administration: 450-491-5498

Télécopieur / Fax production: 450 491-6454

Certificat de Conformité Détaillé

Detailed Certificate of Compliance

| BON DE TRAVAIL
order | CHARGEMENT
load |
|-------------------------|--------------------|
| 313953 | 1 |

CLIENT / customer 215

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

LIVRÉ À / shipped to:

1

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

| COMMANDE DU CLIENT
customer po | CLASSIFICATION PIECE
part classification | MATÉRIEL
material | MAÎTRE D'OEUVRE
prime contractor | PROGRAM |
|--|---|--|-------------------------------------|------------------------------|
| 33724 | N/A | AL-6061 | | |
| <div>SPÉCIFICATIONS DU PROCÉDÉ</div> <div>processing specifications</div> <div>SOL ANNEAL</div> <div>SINGLE AGING TO CONDITION T42</div> | | | | |
| EXIGENCE / requirement | SPÉCIFICATIONS / specified | | TESTS EXÉCUTÉS / performed | RÉSULTATS DE TESTS / results |
| CONDUCT | 36 - 44 %IACS | | 74 | 38.5 - 39.5 %IACS |
| | | | 60KHZ | |
| HARDNESS | 60 HREW MIN | | 74 | 63.5 - 65 HREW |
| | | | MESURE EN HR15TW = 64,3-65,3 HR15TW | |
| QUANTITÉ
quantity | POIDS
weight | DESCRIPTION DES PIÈCES
parts description | | |
| 371 | 13.52 | D4202-1
(371) D4202-1 151107
+16 TEST SPACER 6061-T6 71900-90

1 BOITE DE CARTON | | |

COMMENTAIRES / comments

SOL ANNEAL 529C, 35MIN
AGE HARDEN AMBIANT, 96HRS

Le traitement thermique (TT) a été fait en utilisant des équipements en conformité avec la spécification demandée. Toutes les opérations de TT ont été faites en conformité avec les requis de la spécification demandée et toutes les vérifications et les tests demandés ont été faites et documentés. Aucun changement n'a été faite par rapport au TT. On certifie que le matériel a été fabriqué, échantillonné, testé et inspecté en accord avec les spécifications du matériel et le bon de commande et le matériel rencontre les exigences spécifiées.

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Heat treatment (HT) was performed with equipment that meets the requirements of requested specification. All HT operations were performed in compliance with the required HT specification and all verifications have been performed and documented. No unauthorized changes were performed in regards to the HT. We certify that the material was manufactured, sampled, tested and inspected in accordance with the material specification and the purchase order and was found to meet the requirements.

METCOR INC.

560 BOUL. ARTHUR-SAUVÉ, ST-EUSTACHE, QC, J7R 5A8

Tél.: 450-473-1884

Télécopieur / Fax administration: 450-491-5498

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Certificat de Conformité Détaillé

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| BON DE TRAVAIL
order | CHARGEMENT
load |
|-------------------------|--------------------|
| 313953 | 1 |

CLIENT / customer 215

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

LIVRÉ À / shipped to:

DART AEROSPACE

1270 ABERDEEN

HAWKESBURY

ON K6A 1K7

1

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APPROUVÉ par / Approved by:

DATE: 2016-09-30